

DERWENT-ACC-NO: 2006-507906

DERWENT-WEEK: 200730

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TITLE: Structure of a cool air passage of a
refrigerator door for manufacturing an ice, forming a cool air
suction port at a heat insulation cover positioned at a
front surface of a heat insulation space

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PRIORITY-DATA: 2004KR-0019964 (March 24, 2004)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
PAGES MAIN-IPC		
KR 2005094674 A	September 28, 2005	N/A
000 F25D 017/08		
KR 584272 B1	May 26, 2006	N/A
000 F25D 017/08		

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
APPL-DATE		
KR2005094674A	N/A	2004KR-0019964
March 24, 2004		
KR 584272B1	N/A	2004KR-0019964
March 24, 2004		
KR 584272B1	Previous Publ.	KR2005094674
N/A		

INT-CL (IPC): F25D017/08

ABSTRACTED-PUB-NO: KR2005094674A

BASIC-ABSTRACT:

NOVELTY - A structure of a cool air passage of a refrigerator door for manufacturing an ice is provided to directly supply cool air to an ice maker of

an ice manufacturing device by having a cool air suction port, an inner duct, and a cool air discharge port, at a heat insulation cover and to deliver cool air to a center portion of the ice maker more by differently forming a shape of the cool air exhaust port for the heat insulation cover.

DETAILED DESCRIPTION - A structure of an ice manufacturing cool air passage for a refrigerator door (104), installing an ice manufacturing device (130) formed with an ice maker and an ice bank, at an inner heat insulation space of the refrigerator door (104) is composed of a heat insulation case (132) installed at an inside of the refrigerator door to insulate the ice manufacturing device and formed with a cool air discharge port (129) at one lower end; a heat insulation cover (131) openably installed at a front surface of the heat insulation case to form a heat insulation space (130a); and an ice manufacturing cool air supply duct formed with a cool air suction port (124) at one upper end of the heat insulation cover and a cool air exhaust port connected with the heat insulation space, at the other side, to supply cool air to the ice manufacturing device.

CHOSEN-DRAWING: Dwg.1/1

TITLE-TERMS: STRUCTURE COOLING AIR PASSAGE REFRIGERATE DOOR
MANUFACTURE ICE
FORMING COOLING AIR SUCTION PORT HEAT INSULATE COVER
POSITION FRONT
SURFACE HEAT INSULATE SPACE

DERWENT-CLASS: Q75 X27

EPI-CODES: X27-F02A; X27-F04;

